

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A tube for a microscope ~~with~~ comprising an objective defining an objective optical path, the tube defining a tube optical path, a binocular head provided at the tube defining an ocular optical path, a deflection element being provided in the tube optical path, ~~whereby~~ wherein a deflection mirror is provided behind the objective optical path, when viewed from the user's position,

wherein a single tube-lens system is positioned in the tube optical path and a modification to the inclination of the ocular optical path in relation to the horizontal by a value  $\alpha$  causes the position of the deflection mirror to be modified by an angle  $\alpha/2$ .

2. (Currently Amended) The tube as claimed in claim 1, wherein the single tube-lens system is positioned at the microscope in ~~the~~ a region of a connection element in front of the deflection element.

3. (Currently Amended) The tube as claimed in claim 1, wherein the binocular head has two eyepieces, an intermediate image is configured to be created in each of the eyepieces and the distance from a lens vertex of the single tube-lens system to the intermediate image is not greater than 1.25 times ~~the~~ a focal distance of the tube-lens system.

4. (Currently Amended) The tube as claimed in claim 1, wherein the deflection mirror and the binocular head are pivotably embodied and ~~that~~ the pivoting movement thereof is constrainedly coupled.

5. (Currently Amended) The tube as claimed in claim 4, wherein ~~the~~ a constrained coupling between the deflection mirror and the binocular head is embodied so that the deflection mirror pivots by an angle value  $\alpha/2$  when the binocular head is pivoted by the ~~value~~ angle  $\alpha$ .

6. (Currently Amended) The tube as claimed in claim 5, wherein the deflection mirror defines a pivot axis that runs in the middle of ~~the~~ a reflecting surface of the deflection mirror.

7. (Currently Amended) The tube as claimed in claim 4, wherein the binocular head has an adjustable range of the angle  $\alpha$  between the horizontal and the ocular optical path of slightly over  $0^\circ$  ~~and~~ to  $32.5^\circ$ .

8. (Currently Amended) The tube as claimed in claim 7, wherein the adjustable range of the angle  $\alpha$  ~~preferably~~ lies between  $7.5^\circ$  and  $32.5^\circ$ .

9. (Previously Presented) The tube as claimed in claim 1, wherein the deflection mirror and the binocular head are fixedly and unchangeably positioned.

10. (Previously Presented) The tube as claimed in claim 9, wherein the deflection mirror and the binocular head are fixedly and unchangeably positioned.

11. (Currently Amended) The tube as claimed in claim 9, wherein the angle  $\alpha$  of the binocular head between the horizontal and the ocular optical path can be fixedly preset to; ~~preferably~~, between  $7.5^\circ$  and  $20.0^\circ$ .

12. (Currently Amended) The tube as claimed in claim 1, wherein a holding element is provided on which the deflection ~~device~~ element and the deflection mirror are mounted.

13. (Previously Presented) The tube as claimed in claim 12, wherein the deflection element is a prism.

14. (Currently Amended) The tube as claimed in claim 12, wherein the holding element is surrounded by a housing ~~consisting of~~ comprising a lower housing part and an upper housing part.

15. (Currently Amended) The tube as claimed in ~~claim 12~~ claim 14, wherein the upper housing part has a recess into which a mounting part for the binocular head can be inserted.

16. (Previously Presented) The tube as claimed in claim 12, wherein the binocular head as well as the single tube-lens system are attached in or on the holding element .

17. (Previously Presented) The tube as claimed in claim 1 , wherein the distance between the deflection element and the deflection mirror lies in the range of between 0.125 times and 0.150 times the focal distance of the single tube-lens system.